

(I) Claims 1-60, 64-76 and 82-86, identified in the Action as being drawn to a method of forming a dielectric material on a substrate, classified in class 438, subclass 778; and

(II) Claims 61-63 and 77-81, identified in the Action as being drawn to a dielectric material, classified in class 257, subclass 632.

Applicants elect the subject matter of group (I), claims 1-60, 64-76 and 82-86 for prosecution in this application. This election is made without traverse with the understanding that the applicants' rights under 35 U.S.C. §§ 120 and 121 to the filing of a divisional application directed to the non-elected subject matter are retained.

Upon election of group (I), an election of species is also required among:

- A. Species drawn to dielectric material characterized by its elastic modulus - Claims 1-56, 58-60, 64-76, 82-83 and 85 appear to be readable thereon;
- B. Species drawn to a dielectric material characterized by its dielectric constant - Claim 57 appears to be readable thereon;

C. Species drawn to a dielectric material characterized by its density - Claim 84 appears to be readable thereon; and

D. Species drawn to a dielectric material characterized by its thermal expansion coefficient - Claim 86 appears to be readable thereon.

Applicants elect Group (A) as the species. This election is also made without traverse.

Upon election of species (A), an election of one of the following sub-species is also required:

A-1. Sub-Species drawn to curing a dielectric material characterized by heating rate and/or temperature - Claims 2-11 and 82-83 appear to be readable thereon;

A-2. Sub-Species drawn to a cured dielectric material characterized by its dielectric constant - Claims 12-14 and 64 appear to be readable thereon;

A-3. Sub-Species drawn to a dielectric material characterized by its porosity - Claims 15-17, 45, 58, 60, 66 and 70-72 appear to be readable thereon;

A-4. Sub-Species drawn to a dielectric material characterized by its Young's modulus - Claims 18-20 appear to be readable thereon.

- A-5. Sub-Species drawn to a dielectric material on a semiconductor substrate - Claims 21-30 appear to be readable thereon;
- A-6. Sub-Species drawn to an organic/inorganic dielectric material - Claims 31, 33-34, 37, 39-41, 46-47, 56 and 73-76 appear to be readable thereon;
- A-7. Sub-Species drawn to an inorganic dielectric material - Claims 32 and 38 appear to be readable thereon;
- A-8. Sub-Species drawn to an organic dielectric material - Claims 35-36 appear to be readable thereon;
- A-9. Sub-Species drawn to a polymeric dielectric material characterized by its molecular weight - claims 42-44 appear to be readable thereon;
- A-10. Sub-Species drawn to annealing a dielectric material prior to curing - Claims 48-55 appear to be readable thereon;
- A-11. Sub-Species drawn to a cured dielectric material characterized by its thermal expansion coefficient - Claims 59 and 67-69 appear to be readable thereon; and
- A-12. Sub-Species drawn to a cured dielectric material characterized by its density - Claim 65 appears to be readable thereon.

PATENT APPLN. NO. 10/796,286
RESPONSE TO RESTRICTION REQUIREMENT AND
ELECTION OF SPECIES REQUIREMENT

PATENT

Applicants elect Group (A-6) as the sub-species. This election is also made without traverse.

The foregoing is believed to be a complete and proper response to the Office Action dated April 11, 2006, and is believed to place this application in condition for allowance. If, however, minor issues remain that can be resolved by means of a telephone interview, the Examiner is respectfully requested to contact the undersigned attorney at the telephone number indicated below.

In the event that this paper is not considered to be timely filed, applicants hereby petition for an appropriate extension of time. The fee for any such extension may be charged to our Deposit Account No. 111833.

In the event any additional fees are required, please also charge our Deposit Account No. 111833.

Respectfully submitted,

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